

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (canceled)
2. (previously presented) The skin attachment member of claim 19 wherein each skin penetrating element comprises a cone-shaped body.
3. (previously presented) The skin attachment member of claim 2 wherein a base of the cone-shaped body has a diameter of about 0.003 inch (0.08 mm).
4. (previously presented) The skin attachment member of claim 19 wherein said tip of each skin penetrating element has a pointed shape.
5. (previously presented) The skin attachment member of claim 19 wherein each skin penetrating element has a length of about 0.012 inch (0.3 mm).
6. (previously presented) The skin attachment member of claim 19 wherein the backing has a thickness in a range of about 0.003 to 0.008 inch (0.08 to 0.2 mm).
7. (previously presented) The skin attachment member of claim 19 wherein the retention barb of each of said plurality of skin penetrating elements is located about 0.008 to 0.0095 inch (0.2 to 0.24 mm) along a length of the skin penetrating element from the backing.
8. (previously presented) The skin attachment member of claim 19 wherein the retention

barb of each of said plurality of said skin penetrating elements has a length of about 0.0001 inch (0.003 mm).

9. (previously presented) The skin attachment member of claim 19 wherein the retention barb of each of said plurality of skin penetrating elements tapers from a thickness of about 0.0001 inch (0.0003 mm) to a point at an angle of about 72 degrees.

10. (previously presented) The skin attachment member of claim 19 wherein each of said plurality of skin penetrating elements includes two of said barbs.

11. (previously presented) The skin attachment member of claim 19 having a density of about 400 skin penetrating elements in a 0.1 inch² (65 mm²) area.

12. (previously presented) The skin attachment member of claim 19 wherein the skin penetrating elements are spaced apart from each other a distance of about 0.003 inch (0.08 mm).

13. (previously presented) The skin attachment member of claim 19 formed from nylon.

14. (previously presented) The skin attachment member of claim 19 formed from polyethylene teraphthalate.

15. (previously presented) The skin attachment member of claim 19 formed from polyester.

16. (previously presented) The skin attachment member of claim 19 wherein the sheet-form backing and the skin penetrating elements, including each barb, are molded integrally of a

single plastic resin.

17. (previously presented) The skin attachment member of claim 19 wherein a plurality of the skin penetrating elements each define a groove in said outer side surface.

18. (previously presented) The skin attachment member of claim 19 wherein the skin penetrating elements are oriented perpendicular to the backing.

19. (previously presented). A skin attachment member of plastic resin, comprising:
a backing, and

an array of skin penetrating elements extending integrally from a surrounding surface of the backing to a tip, the skin penetrating elements sized to avoid contact with nerves below the epidermal skin layer,

a plurality of the skin penetrating elements each including a retention barb extending from an outer surface of the skin penetrating element,

wherein the array of skin penetrating elements, including each retention barb, is formed integrally from a single plastic resin.

20. (previously presented) The skin attachment member of claim 18 wherein each skin penetrating element intersects said sheet form backing to define a base and each skin penetrating element tapers continuously from said base to said tip.

21. (previously presented) The skin attachment member of claim 10 wherein said two barbs of each of said plurality of skin penetrating elements are disposed at different distances from said sheet-form backing.

22. (previously presented) The skin attachment member of claim 19 wherein said barb of each of said plurality of skin penetrating elements defines a half-pyramid shape.

23. (previously presented) The skin attachment member of claim 21 wherein said barb has a lower surface disposed substantially perpendicular to a central axis of the skin penetrating element from which it extends.

24-34. (canceled)